

Date Book
For
1927

CALENDAR FOR 1927

1927	S	M	T	W	T	F	S	1927	S	M	T	W	T	F	S
Jan.	...	...	...	...	...	...	1	July	...	...	...	...	...	1	2
	2	3	4	5	6	7	8		3	4	5	6	7	8	9
	9	10	11	12	13	14	15		10	11	12	13	14	15	16
	16	17	18	19	20	21	22		17	18	19	20	21	22	23
	23	24	25	26	27	28	29		24	25	26	27	28	29	30
	30	31	...	...	...	...	...		31	...	...	...	...	...	...
Feb.	...	...	1	2	3	4	5	Aug.	...	1	2	3	4	5	6
	6	7	8	9	10	11	12		7	8	9	10	11	12	13
	13	14	15	16	17	18	19		14	15	16	17	18	19	20
	20	21	22	23	24	25	26		21	22	23	24	25	26	27
	27	28	...	...	...	...	...		28	29	30	31	...	...	...
Mar.	...	...	1	2	3	4	5	Sept.	...	...	...	1	2	3	
	6	7	8	9	10	11	12		4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	..
Apr.	...	...	...	...	1	2		Oct.	...	...	...	...	...	1	
	3	4	5	6	7	8	9		2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
May	1	2	3	4	5	6	7		30	31	...	...	...	..
	8	9	10	11	12	13	14								
	15	16	17	18	19	20	21								
	22	23	24	25	26	27	28								
	29	30	31	...	...	...	...				
June	...	...	1	2	3	4		Dec.	...	...	...	1	2	3	
	5	6	7	8	9	10	11		4	5	6	7	8	9	10
	12	13	14	15	16	17	18		11	12	13	14	15	16	17
	19	20	21	22	23	24	25		18	19	20	21	22	23	24
	26	27	28	29	30		25	26	27	28	29	30	31

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Date Book
For
1927

Trade Mark
K & T
Reg. U. S. Pat. Off.

A very faint, out-of-focus background image of a classical building with four columns and a triangular pediment is visible behind the text.

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1927 Saturday 1, January

January Sunday 2, 1927

1927

Monday 3, January

January Tuesday 4, 1927

1927 Wednesday 5, January

January Thursday 6, 1927

1927

Friday 7, January

January Saturday 8, 1927

1927

Sunday 9,

January

January Monday 10, 1927

1927 Tuesday 11, January

January Wednesday 12, 1927

1927 Thursday 13, January

January Friday 14,

1927

1927 Saturday 15, January

January Sunday 16, 1927

1927

Monday 17, January

18

January Tuesday 18, 1927

1927 Wednesday 19, January

20

January Thursday 20, 1927

1927

Friday 21, January

22

January Saturday 22, 1927

1927 Sunday 23, January

24

January Monday 24, 1927

1927

Tuesday 25, January

26

January Wednesday 26 1927

1927 Thursday 27, January

28

January Friday 28, 1927

1927 Saturday 29, January

January Sunday 30, 1927

Went to El Monte for a family picnic with Youngs, Werts, Spencers, Cronans. Start at 11³⁰ back at 5³⁰. A clear warm day. Hunted before lunch in the rocks on the hillside to the south of the picnic grounds. Got one X.b. and one bat. Another lizard seen by Spencer; could not check. After lunch walked across the river. No frogs seen, nor pollywogs. Nothing seen on the road. Miles 56.

1927 Monday 31, January

February Tuesday 1, 1927

1927 Wednesday 2, February

February Thursday 3, 1927

1927

Friday 4, February

February Saturday 5, 1927

1927

Sunday 6, February

February Monday 7, 1927

1927 Tuesday 8, February

February Wednesday 9, 1927

Drove to LA today County line 62
mi. Nothing seen. Fine day.

1927 Thursday 10, February

Drove back from L.A. Rainy and dark after Oceanside. Nothing seen.

February Friday 11, 1927

1927 Saturday 12, February

February Sunday 13, 1927

1927 Monday 14, February

February Tuesday 15, 1927

1927 Wednesday 16, February

February Thursday 17, 1927

1927

Friday 18, February

February Saturday 19, 1927

1927 Sunday 20, February

Went for a walk up 4th St. Found a tiny batrachoseps only $\frac{3}{4}$ " long under a board.

February Monday 21, 1927

1927 Tuesday 22, February

February Wednesday 23, 1927

1927 Thursday 24, February

February Friday 25, 1927

1927 Saturday 26, February

Went for a ride with Philip at $1\frac{3}{4}$;
returned at $4\frac{3}{4}$. 54 miles. A dull
sunless day. To Tia Juana, Bonita,
Sweetwater Dam and lemon grove. Saw
plenty toads run over in the road but
no snakes. Retenue had said he saw
3 in the Tia Juana Valley after the
flood but I couldn't find any.

February Sunday 27, 1927

Went to Morena (north of Old Town) at 3 P.M. Returned at 4³: A good sunny day. Walked about a mile along the Santa Fe R. of R. overturning ties, boards etc. Got 1 batrachoseps.

Saw plenty pollywogs in one pond. Also saw one lizard, probably *modestus* alligator. Got one large ring-neck under a tin sign; was dried up.

1927 Monday 28, February

March Tuesday 1, 1927

Went to Rotary Club in Escondido for lunch with Tom Bridges. Start at $10\frac{45}{60}$; back at $3\frac{15}{60}$. A fine clear warm day. 64 miles.

Got one garter at Poway. Had been run over but was still alive and OK for a specimen. Also saw something looked like a dead snake on Poway grade but couldn't stop.

1927 Wednesday 2, March

March Thursday 3, 1927

1927

Friday 4,

March

March Saturday 5, 1927

1927

Sunday 6,

March

Went to the north foot of Paray Grade. Started at 2³⁰; returned at 6 P.M. 35 miles. A clear warm day. Got 2 b.a. on 5th st opposite AEK's flat. Picked up AEK. Got 2 b.a. under stones at foot of Paray Grade, north side. Got one small Uta under a board at Miramar junction. No snakes seen alive or dead.

March

Monday 7,

1927

1927

Tuesday 8, March

March Wednesday 9, 1927

1927 Thursday 10, March

March

Friday 11,

1927

1927 Saturday 12, March

March Sunday 13, 1927

→ a fine day but did not go out.
Nursing a boil.

Philip caught an alligator
lizard

1927

Monday 14,

March

March Tuesday 15, 1927

1927 Wednesday 16, March

Heard today of many snakes being seen lately so after lunch went out to Flynn Springs via lakeside returning via Bostonia. Start 1³⁰; Return 4¹⁰. 54 miles. A clear warm day after a week of fine weather. Saw nothing alive or dead.

Miss Arnold brought in 7 B.A. today. Some very small. Last week 6.

March Thursday 17, 1927

1927

Friday 18,

March

March Saturday 19, 1927

A fine warm clear day. Rather dry. Went to Ramona and return with Philip. Start at 1³⁰. Return at 5³⁰. Miles 77. Went via Burtonia and Lakeside. Returned via Lakeside - Lakeside.

No snakes seen on the road alive or dead.

One squashed Alligator lizard on the road at Footers.

Stopped at top of grade just north of where Wildwood road branches and hunted in the rocks about 1 hour.

Got one X. h. one large skink and one large Hypsiglena. Saw several more X. h. but lost them. Saw one Orcutt. Very few lizards running about. Saw only one other - couldn't tell what it was.

The Skink was under a stone resting on the ground.

The Spotted night snake was under a rock resting on another rock - flat on top.

1927

Sunday 20,

March

A fine warm clear day although a little chilly and windy beyond Pine Valley. 170 miles.

Went to top of Mountain Springs grade with family and traps. Stopped for lunch between Pine Valley and Buckmairs.

Start at Noon; returned at

6³⁰

Did no hunting. No live snakes or lizards seen on the road.

Saw what may have been a dead snake near Flynn Springs but did not stop.

March Monday 21, 1927

1927

Tuesday 22, March

March Wednesday 23, 1927

1927

Thursday 24, March

Went to La Jolla to take gg
out. Good clear day. 30 miles
33° to 6° P.M.

1 Dead gopher snake large
on the road at Rose Canyon branch.

March Friday 25, 1927

Went to La Jolla in the afternoon. A cloudy day. Saw nothing.
Miles 28

1927

Saturday 26,

March

Went to La Jolla in the morning.
A clearing day. Saw nothing. Miles. 28

In the afternoon went to Dulzura
Summit with Hugo and Ed. Clear
and warm. Start at 4 P.M.; return
at 6³. Miles 68 x.

Saw no snakes on the road alive
or dead. Saw one small lizard and
probably one horned toad.

Hunted at Dulzura Summit.
Got 8 Xantusiæ and lost several
more. Were under flakes as usual.

Got one medium C. exsul; was
under a flat rock exposed to sun. Could
be seen from the side, no fight.

Got one large red C. mitchelli, was
coiled in the usual place under
a large rock with a hollow under math.
Retreated inside at once. Could be seen
from the side. Hard to get but
finally landed him.

On the road saw 2 lizards; one
was probably a horned toad. Only
one or two (besides X.h.) in the rocks.
One was an Orcuttæ.

March Sunday 27, 1927

A part cloudy day. Little sunshine where we hunted. Too cold for snakes.

Went to County line at Rainbow with family & Harrett C. Start at 9⁴⁵ Returned at 6¹⁰. Went via Oceanside; returned via Camp Kearney and La Jolla. Total miles 157.

Saw no live snakes. One dead garter snake (*T. s. inferalis*?) on the road (east side) about $\frac{1}{2}$ mile north of Bonsall. Saved specimen.

Hunted in the rocks about $\frac{1}{2}$ mile north of Rainbow. Hunted diligently but got nothing. Saw a couple of skellies and another unidentified lizard. Rocks not good quality to flake; some hard some soft. Saw no *Kantusias*.

A poor day (except for the surprising garter snake) owing principally to coolness and lack of sunshine. The virtual absence of snakes on the road indicates that they are not traveling much as yet but they should be out in the rocks.

1927

Monday 28, March

March

Tuesday 29,

1927

1927 Wednesday 30, March

(Sunday April 24th continued)

Coming back Callisaurus was plentiful to a point 1/2 way bet Narrows and Yermo well.

On the return trip the following snakes were checked.

1 Small Calif King D.O.R. Santa Ysabel.

1 Large Banded Racer D.O.R. on Grade between Ballena and Ramona.

1 Large Banded Racer (About 4 miles east

1 Large Calif King (of Ramona)

The Calif King had swallowed the racer and then had been run over. About 3 ~~wide~~ inches of the tail was protruding.

1 Large Banded Racer ^{east} 2 mi ~~west~~ of Ramona D.O.R.

1 Large Calif King caught crossing the road at Ramona.

1 Small Gopher D.O.R. Ramona

1 Small Pacific Rattle D.O.R. Foster.

On the whole a successful liquid trip but not snakes. Reason: not enough time spent west of the mountains hunting snakes; and too hot east.

1 Callisaurus with red mites.

March Thursday 31, 1927

(Sunday April 2nd Continued ②)
 Altogether from Yagüi Well out and back
 way.

29 *Callisaurus*

1 *Leopard*.

5 *Utas*.

5 *Whiptails*

5 *Dipsosaurus*.

In addition got a number of specimens of
 each which were in such poor shape that
 they were not saved. lost tails and shot up.

On the way home stopped in the *Centenac*
 well up toward the top and hunted an hour or so.
 Got 2 *Collard lizards*,

3 *Utas*

1 *Orcuttis*.

Also saw *Uta Mearnsi* and *Chuckawallas* but
 got none.

Got an *alligator D.O.R.* at Julian which saved.

Stopped for a short time on the grade between
 Ramona and Julian and Banning and got an
Orcuttis and a *S.o.b.* Saw *Utas*. Roots here
 are of poor quality.

(Turn to March 30).

1927

Friday 1,

April

(Sunday April 24 Continued)

did not range so far. Found *Callesaurus* to be most plentiful. Nearly always perched on the small rocks on the side of the road where *Uta* had been earlier in the morning and further back. Quite easy to get a good series of *Callesaurus*. Also an occasional *Dipsosaurus* was perched in this way. *Callesaurus* often standing high up to avoid heat.

In general it may be said that *Utas* are seen on the road particularly from the foot of the Dentonae to the Narrows; few beyond.

Leopards seem to be rare. Got only 1 this near the Narrows.

Whiptails are quite common 2 or 3 miles east of the Narrows. seem to like the semi-rocky areas.

Callesaurus most common of all.

Dipsosaurus in the shade of the bushes around Borega hotel. Got 5 here.

The Borega hotel keeper says "Diamond Backs", *Scelopendres* and *Gophers* are plentiful around the hotel. But are found only in the evening and at night. No frogs.

(Continued on Mar 31).

April

Saturday 2,

1927

Went to matinee.

1927

Sunday 3,

April

Went on a botanizing trip.

Start at 8 A.M. - Return at 7³⁰ P.M.

With Abbott, Fleming, Gordon, Kraeke, McEwen, C. F. Brooks, Dr. Mrs. Clemens.

Went to El Cajon, Hillsdale, Monte Vista Ranch, Jamul, Lyons Valley, Barrett, Cottonwood, half way up Potrero grade, thence home via Jamul and highway.

Miles.

Saw only one dead snake this being a small gopher in the Park on Pershing Drive. Saw no live snakes.

Got a chance to hunt in the rocks only at one place; this being at Jamul. Here got 3 & h. Had been burned over last year but only one was found in rocks that had been burned. Saw several others.

A few other lizards were out but not many.

Got stuck in the mud in Lyons Valley; also caught in soft new road on Barrett - Cottonwood road. Hard work to get out.

Day was warm but part cloudy. Rain during the night.

April

Monday 4,

1927

1927

Tuesday 5, April

April Wednesday 6, 1927

Went to La Mesa to talk on
Snakes to Rotary Club. A fine
Clear day. 24 miles. Start at $11^{\frac{3}{4}}$
Return at $2^{\frac{3}{4}}$

1 Dead garter outside East San Diego

1 Dead striped racer on highway
opposite Cholla Mts Wireless.

Also at this point got a fine large
striped Racer. Was crawling along
the curbing and did not go over
until I came up to him. Bit furiously.
Gave the small rapid whirl when
taken up.

1927

Thursday 7, April

Friday 8th Continued.

Next hunted in the rocks east of the road on the Mussey grade a little north of Shady Dell. Spent about half an hour here. Got several X. h. bringing the total for the day to 10. Also got a medium skink under a rock with a bright pink ~~tail~~ tail.

Then under a good sized rock Wress found a large *Trimorphodon* the largest I have had yet. As usual was under a heavy rock, not a flake. Got him almost uninjured except for a couple of minor scratches. The time was about 5 P.M. Rather dark. Buzzed his tail when caught.

April

Friday 8,

1927

Went to Gas Co Camp in Goose Valley to see progress of work on the Sutherland dam line with Weiss. Start at 10 AM Return at 6³₂. Miles 94. A part cloudy day. Some clear spells. Too cool for a good snake day. Practically no lizards seen about.

Read snakes 1 Pacific medium on the highway about a mile above Foster's.

1 Boyle's King large on the University extension opposite the Wireless station.

First stopped for lunch at the Camp in Goose Valley, thence to Sutherland dam site. Here hunted in the rocks for a few moments only. Got a *Uta stansburiana* olive. On the way back stopped on the grade a mile or so toward Remora from the concrete bridge. At this point got 3 x. h.

Next stopped at the highest point on the grade and went up to the peak to the west; the large boulders looked good but proved to have few snakes. Hunted here strenuously for nearly two hours. Got a few x. h., 2 orcutts and a medium boa. The latter was extended full length but was not moving when first seen over - back

1927

Saturday 9, April

Went out alone. A cold
windy part cloudy day. Not
favorable. Miles 48. First stop
1/3 up Mt. Helix. Here hunted in
rocks of fair quality. Got 3 x. h. lost
several others. One or two other lizards
seen but could not be identified. Next
stop small pond at Grossmont store.
Found nothing. Then went to rocky
hill near old Gordon place Bostonia.
Saw a Lita and a couple of Skellys.
There are a few good flaked rocks here
but x. h. was negative. Got nothing.

Returned via Lakeside, Lakeside
and Santee. Started at 1³⁰ Returned at
530.

1 Juvenile Gopher dead in the road at
Lakeside.

1 Juvenile gopher dead in the road
at El Cajon.

April Sunday 10, 1927

A cold rainy day. Did not go out. Busy preparing a snake talk which was delivered at the Natural History Society in the afternoon.

Gander showed me a young C. c. mormon taken in Mission Valley. Showed the body blotches very distinctly.

From the Zoo got an unusually large T. o. hammondii. Caught 4-10-29 at Chula Vista by Verne Birrfield. measured $37\frac{1}{8}$ " long. Contained a large toad which measured 8" long. Snake was a female and contained many eggs.

1927

Monday 11, April

April Tuesday 12, 1927

Went to La Jolla on business
in afternoon. 28 miles. Saw
nothing. A cold clear day. Much
snow in the mountains

1927

Wednesday 13, April

April Thursday 14, 1927

1927

Friday 15,

April

April Saturday 16, 1927

A cold windy cloudy day with patches of sunshine. Rain in the back country yesterday.

Went to Earl School with HK.
Start at 1⁴⁵ Return at 5³⁰. 69 miles

Only one snake seen alive or dead this being a dead garter on the highway at Pepper Drive. Large.

First hunted in the rocks east of the road near Shady Dell. Got 3 X-h, 1 Uta, 1 Speely. All were in cracks in rocks; none running about. Saw an Orcuttia and several other X-h. Got 2 Hyla arenicola in cracks in the rocks. Found a small Xantusia that had choked to death on a grub which was stuck in his throat.

Hunted for a short time in the rocks beyond Earl School. Got nothing. These rocks look good from the road but are of poor quality without flakes.

A poor day. Too cold and damp for snakes.

1927

Sunday 17,

April

Went to Coyote Wells with family and Dr. C. F. Brooks. Start at 9¹⁵; return at 7¹⁵ P.M. 197 miles. Clear in town; cloudy in the mountains (and cold and windy) Part cloudy and comfortable on the desert. Went out by the highway; returned by Campo.

While this was a fairly good day it was rather too cold in the mountains for snakes and too soon after cold and rainy weather. It had evidently rained hard at a number of points last night.

Only one snake was seen; a ~~live~~ ^{dead} gopher half grown at Tulguma.

First stop at top of new Vegas grade. Some fairly good flakes here. Got 2 X.h. and one young s. wcuti. Next stop was at crest beyond La Pata. Got one Uta here under a rock. Cold and partly dormant.

Stopped for lunch at foot of mt. Spring grade on the edge of the rocky hills. Some fairly good flakes here. Got 2 *Phytoecia* *tuberculosa* under level flakes also lost one. They are probably quite common here. Also saw several Uta

April Monday 18, 1927

Sunday April 17 Cont

mearnsi and one *Uta stansburiana*. Did not see any X. h. Hunted here about an hour. Left my best pistol or spare tires and so lost it. Got a bat. Went on to Coyote walls. Did not see any lizards of any kind running in the desert although it was about 74° F. Stopped only at one point to pick ocotilla and saw nothing here.

The geckos squeak. They are both infected with the vermillion mites. Examined under the microscope they are 8 legged rather hairy. They hold a piece of skin in their jaws when removed.

Monday April 18

Found a yearling gopher dead on Maple Street.

A very cold day.

1927

Tuesday 19, April

Went to a Rotary meeting in El Cajon to make up attendance. Talked on snakes.

Went out with Bruce Starke. Started at 11. Returned at 2³⁰. Cold and cloudy in town; clear in El Cajon.

Rode as far as Pepper Drive. 32 miles. One yearling gopher dead on the road at Encanto.

Recd two Skunks from
Leslie Keirney

Santee.

Caught April 17th

April Wednesday 20, 1927

Went to Sutherland Dam and San Pasqual to see lines under construction. With Myras, Peckham, Lawrie. Start at 8⁴⁵ AM; returned at 6 P.M. 111 miles. Went via Highway and Ramona; returned via San Pasqual and Escondido.

This was the first real snake day of the year. Clear and warm; little wind.

Kelly gave us a large gopher which he had picked up at Earl School. Later this died.

Stopped at Ramona for a few moments; then went to the dam. Stopped here a short time. Saw one Uta.

Came back to rocks about one mile north of the upper end of Goose Valley. Hunted here 3/4 hour. Got four X.b. and one *Hyla arenicola*. Saw skellys, utes and or cuties. Lost my pistol but luckily Lawrie found it. The rocks were not of extra good quality.

There were many lizards on the road between Sutherland and the camp. First time this year I have seen many. Lost a horned toad at Ramona.

Went down the Clewings grade and hunted for about an hour and a half in rocks and cactus on the north side of the road about a mile east of the battle field. Got a *Trachophorus*,

1927

Thursday 21, April

a boa and a small worm snake. Also a Colomys and a Xantusia. Saw Utas, Orcuttis and Skilly. The rocks here are not of good quality. Few flakes.

The trimorphodon was under a large cap rock level and closely fitting. The boa was in a crack in the rocks and was fished out with difficulty. The Colomys was under a cap rock. The worm snake was under a thick flake touching the ground. A second larger worm snake was found under a large rock about 10 feet away but was lost.

On the way into Escondido got a yearling gopher crossing the road; the only snake seen on the road this day.

Got a large Col. King and a small red rattle from Kemp the truck driver. Both from San Pasqual.

April

Friday 22,

1927

Saturday April 23^d Continued

While we were up in the rocks a large red rattles was run over in the road.

Reached camp at 5³⁰.

Total 2 live snakes, 3 dead snakes,
3 lizards.

1927

Saturday 23, April

Went to Ramona Camp with Stearns, Fowler, Holloway, Savage, Pectham, Weiss, Ayres, Fates and 3 kids. Started at 1³⁰. Went out by way of Helix and Grossmont.

A clear hot day; 4th of a series. Quite hot in the back country. Miles 46.

Got a juvenile gopher crossing the road just above Helix store. Found a dead garter on the road one mile south of Fates.

First stop between the school near Griggs place and the foot of Mussey. Went up in the rocks north of the road and hunted here nearly an hour. Saw several X.b. and 1 Uta. Got 1 X.b. and a fine Coleonyx under a rock cap.

One dead ~~lizard~~ in the road just n.e. of this point. Call it Mussey's.

Next stop on Mussey's just opposite the big rock. Did not hunt here as Fowler and Ayres had been over and reported nothing.

Next stop at the rocks on the east side of the road about a mile above Shady Dell. Just across the creek got a medium Pacific. Was stretched out in the oak leaves.

Then worked hard in the rocks for an hour and a half but got nothing except 1 Uta (not saved). The rocks were of poor consistency; too hard.

April Sunday 24, 1927.

Got up this A.M. at 4⁴⁵ and started with same party at 5⁴⁵ for Borega Valley. Reached Borega at noon. Returned to San Diego (via Helix) at 7¹⁵ P.M. Another hot day; 102 in the shade at Borega. Miles today 162. Found the roads better than previous trips except Banner and Pentenac grades which have been washed x

In the morning up to the time we reached the Narrows few lizards were seen. There were a few Utas perched on the side rocks of which we got 3 between Yagui Well and the Narrows. Stopped at the Narrows for the first hunt but found lizards scarce, washed away by flood? Got one leopard lizard and a Callisaurus.

Dead snakes on the way out were as follows:

1 Spotted night 4^{1/2} way bet Ramona and Bollena

(on the up grade)

1 Spotted night near Wynola
(about 2 mi west).

1 Juvenile gopher at Wynola

1 Juvenile gopher at Pine Hills Junction.

On the long straight run from the Narrows to Borega Hotel we stopped occasionally to hunt or to shoot individual lizards. On the return trip we stopped for more individuals but

(Continued under Friday April 1)

1927

Monday 25,

April

Took rattlesnake venom today.
Reds gave most, then mitchellis, then
Pacifics.

11 large reds, 7 medium, 1 small
2 of the above have both first infralabials
undivided. Vials 1 + 3

4 large and 4 medium Pacifics Vial 2

2 large Mitchellis Vial 4

1 large Cerastes. Vial 5.

Total 30.

The small *Arizona elegans* in captivity
which had swallowed a Uta threw it
up today.

April Tuesday 26, 1927

Recd today for the Natural History Society

1 King neck Summer La Jolla

1 Small Pacific Rattles Vern Merrifield
2019 Moore St.

Taken 4-24-27 on beach almost
at water's edge, La Jolla.

1 Small Boyles King J.A. Myers
621 21st st. Asiar, Balboa Park

1 Annelida (worm?) N.W Cor 6th & Redwood
Ferd. Drethold 4-20 India

4 Small Pickled Batrachoseps
La Mesa Nov. 1927.

B. Grossman.

1 Toad Laguna Hansen
Frank Stephens

1927 Wednesday 27, April

Today was cool in town and comfortably warm in the back country not so hot as last week end.

Took the max at noon and went out the highway as far as Harrison Canon; down the Canon and home by way of Dehesa and Tamaacha.

Saw a large gopher crossing the road at the entrance to the Canon Road. Lost him in the grass.

One dead Rhinocerelus on the road near the cemetery.

Total miles 56.

Got a small horned toad at Tamaacha.

Hevin and Tose arrived tonight.

April Thursday 28, 1927

Today received a large Boyle's King caught at Goose Valley which vomited 4 (possibly 5) crushed quail eggs.

1927

Friday 29,

April

(Sunday May 30 Cont)

and got only 1 *Ute* and 1 *Callosaurus*
but *Borrego* and the hawks.

Following dead snakes noted

- 1 *Exsul* large top Fenterac Canon grade
- 1 *Pituophis* small $\frac{1}{2}$ way up Banne grade
- 1 Patch nose large $\frac{1}{2}$ way up Messay grade
- 1 Boyles King large - *dentee*.

Arrived home 6 $\frac{1}{2}$. Miles today 141.

April Saturday 30, 1927

Started for Borrego at 10^3 with Steven, Toze, H.K., Weiss, Chuck, Talbott, Bill. Clear but cooler than last week.

Arrived at Goose Valley Camp. Stopped for a few minutes in rocks near camp. Got a Uta and a Skelly. Next stop just of Interstate. Got 4 Utas.

Stopped one or two places between Narrows and Borrego. Got 2 or 3 Utas and a *Phrynosoma platyrhinos*. Had orange lice. Examined same. Seemed to have six legs. Also before this trip was one from them in *Callosaurus*, *Dipsosaurus*, *Crotaphytus*.

Arrived at hotel at 5^3 . Was cooler but Narrows and Hotel than last week. Not a single *Callosaurus* was seen; because cooler in afternoon?

After supper walked around setting traps. Got 3 *Scorpio occipitalis*. Drove to County line. Got nothing. While down there hotel man got a sidewinder.

Hunted again for *Scorpio* but got none. Then saw a *Crotalus*. Turned in at 11 P.M.

$$\text{Miles } 102 + 5 = 107$$

1927

Sunday 1,

May

Today begins hot but by afternoon became somewhat hazy and a little cooler.

Went out at 5:30 AM to rocky hills to the south west. Looked good but got nothing. Saw several whiptails in return.

With all members of the party drove about 5 miles toward the Narrows. Stopped a number of places and hunted. Got many lizards, Utas, whips, Cals, Lips, 1 Crot. Piece of snake skin.

The *Callisaurus* are by far the most numerous. Seem to like best the areas where small round boulders are scattered. Run with tails up erect and stop suddenly which tends to conceal them. Next Utas then Whips. Whips seem to like rocky ground. *Crotaphytus* rarest. Got one more horned toad.

There are certainly plenty of lizards in this area.

Returned to hotel for lunch; then started for town at 1:45.

Did not stop often going in (continued Friday, April 29)

May

Monday 2,

1927

Took Rattlesnake Venom Today

4 Reds

4 Pacifics

1 Tiger.

Also measured a large Patchnose

30 $\frac{7}{8}$ " to A Total 38 $\frac{1}{2}$ "*Arizona elegans*32 $\frac{9}{16}$ " to A Total 37 $\frac{3}{4}$ "

1927

Tuesday 3, May

Went to El Cajon Rotary Club
this morn 3 $\frac{1}{2}$ miles. nothing seen.
hawthorn road and eucalyptus drive.

Recd today from O R Hawton 1620 Union
An unusually large salamander,
B. a. l. Total length 5" body 1 $\frac{3}{4}$ ".
Caught in garden.

Recd a Garter from Kelly. Caught
at Ramona Camp.

May Wednesday 4, 1927

Talked to Stephens today
about La Puerta.

Saw a Spotted Night Lizard
taken at Box Canon Feb 21 1927

Also a small *Sonoraa* occipitalis
taken at La Puerta sometime in
January. Will enter these two.

He had red racers from La Puerta
last year. Also saw a number of
lizards taken at La Puerta including
several *Sceloporus magister*, *Xantusia*
vigilis and *Crotaphytus* wiz.

1927

Thursday, 5,

May

Went to Los Angeles with
Gly. Start at 11 A.M. 63 miles in the
County. a rather cold windy day.

1 Faded snake large at La Costa DOR
(The road here is on the cliff immediately
above the surf).

1 long nose DOR Stewart

1 Gopher DOR. Capistrano.

Gave talk at L.A. Public Library
before Herpetological Society. Saw
a young *Mitchellii* caught at
Fullerton last Saturday April 30th

Miss Atsatt gave me a
young *sidewinder*

May

Friday 6,

1927

Returned from Los Angeles.
Starting at 2 P.M. A cold cloudy
day with a shower or two.

1 small Gopher DOR at Las Flores

Recd a Spotted Night from
Pan Clemente.

1927

Saturday 7,

May

Started for Borega at 1³⁰, a cold wet windy day with rain squalls. Had sent a car ahead to Julian. Road between Ramona and Bollena was wet and slippery. Began to rain steadily at Witch Creek. Several parties turning back at Julian reported Banner Grade impossible so we came back (via Lakeview). Home at 6³⁰. Much rain all the way home.

Picked up 3 little toads 1 mi. south of Foster.

Dead snakes noted as follows:

1 Large Banded Racer	7 mi. E. S.D.
1 Large long nose	8 $\frac{1}{2}$ mi. Chollas Hts.
1 Small Gopher	9 mi. Chollas Hts.
1 Large Banded Racer	55.4 mi. Wyndale.
1 Large Mitchellii	Top Mussey Grade (near bridge.)

120 miles.

May

Sunday 8,

1927

The morning was cold and windy so did not go out; spent the morning clearing up specimens.

In the afternoon it was cool and part cloudy. Went out with Philip to Tamacha, Dehesa, Harlesin Canyon returning by the Highway. Start at 3 P.M. return at 6¹⁵. 59 miles.

No snakes seen alive or dead.

Hunted for a half hour in the rocks between Tamacha and Dehesa (nearer Dehesa). Got 4 x. h. lost several more. No other reptiles seen. Too cool and wet. Had evidently rained considerable the night before.

1927

Monday 9,

May

Took venom from 6 record hand large
C. exsul and 6 ditto *C. virgatus*.
Got very little. Skinned 29 snakes to
Porche.

Got a live *Thamnophis sirtalis*
infralineatus today from San Pasqual.

May

Tuesday 10,

1927

Went to El Cajon to attend the Rotary meeting. Started at 11^{30} ; returned at 2^{0} P.M. a fine clear day. 32 miles. Went out lower road; returned via upper.

One medium gopher D.O.R. on highway opposite Chellos Hts Radio Sta.

Recd today one Annella from the Hypatia school teacher.

1927 Wednesday 11, May

Went to Pine Valley with Gy to rent a cottage. Start at 1 P.M.; returned at 5 P.M. A fine warm day and the road should have been full of snakes but wasn't. Went by new Viejas grade and returned by old (rather rough).

Only a couple of lizards seen and following snakes.

1 Patch nose D.O.R. 1 mi W of Willows

1 Small Banded Racer do

1 Small gopher 1 mi west of La Bessa
on new road.

There was a fine fresh track in Guatay Valley but could not find anything.

May Thursday 12, 1927

Saw today a spotted Cul. King.
In Gardner's Collection. Collected May 9
Balboa Park.

1927

Friday 13,

May

An exceedingly hot day. 88 in Pan Diego and everything else in proportion. About 113 in Borega.

Report on what Sternin got at Borega and vicinity May 2 to May 13 incl.

6 *Sceloporus occipitalis* (in addition to 3 previously recorded) 2 at County line way 3, 4 at Borega Way 5, 6, 10, 11. 3 *Sceloporus* (in addition to 1 previously reported) 1 run over, 1 slightly damaged, 1 OK. 1 *C. lepidus* in Senterac Canyon (about way 5) 1/2 way bet Bridge and old Cabin at foot of grade. 1 *T. o. hammondi* dead at same place. Got a *Draytonia* at Bridge.

Sternin's collection of lizards

	Borega	Narrows	Yagin	Senterac
<i>Callisaurus</i>	✓			
<i>Rhynchosaurus</i>	✓			
<i>Uta stans</i>	✓	✓		
<i>Uta grisea</i>	✓	✓	✓	✓
<i>Coleonyx</i>	✓			
<i>Coniophanes</i>	✓			
<i>Phrynos. m. Celleri</i>	✓			
" <i>Platycephalus</i>	✓			
<i>Crotaphytus</i> <i>nebrius</i> do <i>bylini</i>	✓	✓		
<i>Uta macularia</i>			✓	✓
<i>Scelop. magister</i>				✓
<i>Scelop. Orestes</i>				✓
<i>Savannahus</i>				✓
<i>Pholidoscelis</i>				✓

May

Saturday 14,

1927

A warm muggy day. Not so hot as the previous day in San Regis but very hot in the back country. Too hot for good snake weather anywhere.

Went to Borega to meet Slevin and Tore. Took Philip. Started at 1 P.M.; reached Borega at 6 P.M. 96 miles.

No live snakes seen. Dead snakes as follows.

1 Long nose at 9-2 Cholla Mts.

1 Medium gopher Top Mussey 32. mi. Regals were not plentiful along the way. Went down the long run bet Warren and Borega bet 5 & 6 P.M. Utas were plentiful on the usual rocks. A few Collyps were seen but not as many as before.

After dark went out and looked for Sonoras. Got only 1 large light colored Colonyx. Road down "Sidewinder Alley" about 4 miles. Saw nothing.

A poor day - too hot.

1927

Sunday 15,

May

A somewhat cooler day than yesterday. Started at 7 A.M. for La Puerta where we arrived at 10³⁰. Left Slevin's equipment and went on down to Vallecito. Returned to La Puerta at 1 P.M. Left at 15⁰ and arrived in San Diego at 5⁴⁵. Miles 136

Only one snake seen on the entire trip. 1 honey-nose D.O.R. at Gregg's Bridge - San Vicente. Too hot today for snakes.

In the Borge Valley saw plenty of Utas, and Collies. Also a couple of Whiptails. We got a large *Dipsosaurus* sauris. We got one horned toad (*Pleurorhina*). 1/2 way but Yaqui well and foot of *Salterae* got a large *S. magister*. Fine specimens. Take refuge in trees.

Between La Puerta and Vallecito got a couple of Collared lizards. Saw Collies in La Puerta Valley & Vallecito Valley.

Saw mountain quail with young in *Salterae*. and at Vallecito.

At Vallecito got plenty *Hyla regilla* and *B.b. halophilus*. Also saw polywogs.

Got a *Protophryne* in *Salterae* Cañon. Stephens gave Slevin a large chuck taken the day before in Box Cañon.

May

Monday 16,

1927

Shipped snakes to Brown, Phila;
East, Washington and Regis.

Took Venom as follows.

Red Rattles No 4

14 large (6 old) 7 med (6 old) 1 small (old).

Pacifics No 5

1 large, 6 med, 1 small.

Mitchellii No 6

2 (old) large, 3 med.

Crotates

1 large old, 1 small. new.

1927

Tuesday 17,

May

May Wednesday 18, 1927

1927

Thursday 19,

May

May

Friday 20,

1927

Skinned 3 lots of snakes today.
Took venom from 2 snakes.

Stevens Report on his La Puerita Collection

2 <i>Leioheterodon</i>	May 17	Dark than Desert.
1 <i>mitchellii</i>	May 19	
1 Red Racer	May 16	.
1 <i>Phyllorhynchus</i>	May 17	
1 <i>Honora Occip.</i>	May 17	host this
1 <i>Arizona</i>	May 18	
1 <i>Rhinocheilus</i>	May 19	Practically no fed

All at night except *mitchellii* and Red Racer.

All at La Puerita (Mason Valley) except
Rhinocheilus which was at Vallecito.

hesperia noted at La Puerita.

Crem. tigris, *Crem. stygneum*, *Wagster*,
biseriatus, *Bayleii*, *Wiegz.*, *graciosa*,
V. stansburiana, *taeniatus*, *callosus*.

1927

Saturday 21, May

Went to La Puerta to get Slevin. Started at 10¹⁰. A cold day cloudy in town; cold and windy in the back country altho clear. At Julian it was too cold for comfort. Cool and windy in La Puerta. Slevin reported it too cold for best results during his stay.

Went out with L.B. Jones. Itinerary Lakeside, Ramona, Julian, La Puerta back through Julian thence Santa Ysabel, Warner's Dam, Rencin, Pala, Ronse's Camp. Total miles 174. Camp at 6³⁰.

Did no hunting on this trip except in the evening when we spent a short time in the San Luis Rey river bed and got a Hyla and a Toad. Heard a peculiar trilling call which Slevin thought might be a *Bufo punctatus*.

Got a medium burned toad at Ramona. Dead snakes this trip. Not a live snake seen.

- 1 large Gopher at old Lakeside bridge 24 mi.
- 1 med Gopher at Ballena 44 mi.
- 1 med Cal. King at Ballena 46 mi.
- 1 small Gopher at Julian 54 mi.
- 1 Patch nose at old Camp 2 4 mi. w. of Henshaw Dam (Slevin saved specimen). Large
- 1 large ~~water~~ Cal. King at Bonsall.

May

Sunday 22,

1927

A fine clear day temperature just right, little wind. But proved to be a poor snake day nevertheless.

Went over the following route starting from Ronse's Camp at 73° . Rainbow, Pala (via dirt short cut) Rincon Valley Center Grade, Alvarado, Wohlford Lake, Escondido, San Pasqual, Cross River, down south bank to limit, thence back to Escondido, Ronse's Camp, Escondido and home. 157.5 miles. Reached home at 53° .

Snake list.

1 Pacific Garter d.o.r. at Bonsall.

1 Large Gopher Caught at Rainbow

1 Large Cal King D.O.R. San Pasqual Battlefield (Slevin saved).

1 Large Striped Racer shot San Pasqual Battlefield

1 Large Gopher D.O.R. 1 mi south of Bonsall Bridge

1 Large Red Racer D.O.R. Miramar Gas Station

First stop to hunt was in the rocks west of Rainbow. The rocks are large but of poor quality with few flakes. Not a good locality. Here got the large gopher. Also saw a whipsnake and orcutt. No xbr. Left here about 103° .

Stopped a short time on the Pala road

1927

Monday 23,

May

Sunday 4th Continued.

but got nothing. Rocks of poor quality as usual. Stopped at Liliwao. Saw X-h. but got nothing. Shot a horned toad a little further on.

Next lunched at the San Pasqual battle-field and then hunted in the rocks and cactus above the field. Got 1 X-h. saw verticaria, orcutti.

Caught a glimpse of the rasc. in brush and burned cactus. Looked for him and as usual saw him watching us a few feet away with his head raised 6 in out of the brush. Had to shoot him.

May

Tuesday 24,

1927

Started today for Flagstaff, Arizona at 7¹⁵ AM. Was fairly cool at starting but quite warm at Escondido and beyond. Toads were noted at Old Town Bridge. Quite a few lizards were seen.

The following dead snakes inside San Diego County. (Mileage inside 72).

1 *Salvadora* large 10 mi Rosedale.

1 *Rhinocheilus* large 41 mi Poway

1 *Pituophis* med 22 mi do

1 do small 26 mi Bernardo

1 Red Racer large 36 mi Escondido

1 *salvadora* large 50 mi Bonnell.

1 Boa small 52 mi do.

1 do do 67 mi Red Mt.

8 All above D.O.R.

1 large gopher D.O.R. Cajon Pass.

Very hot in Riverside. Coolers in Cajon Pass.

Reached Mojave River Bridge at 1¹⁰ (above Victorville) Held here until 2³⁰ Hunted for a while. Got bats and Collies. Saw several Collies. Saw 1 snake probably *Salvadora* 70 mi w. of Needles. Couldn't stop. Hot at Needles. Few lizards seen. This section of Mojave Desert more sprinkled with hills. than Colorado Desert. Arrived at 8³⁰; 3 1/2 mi.

1927

Wednesday 25, May

Drove today from Needles, Cal to Flagstaff, Ariz. Started at 8¹⁰ AM. Arrived at 6²⁰. (MT. time). Hot at Needles.

1 Salavadova D.O.R. at 19 mi. (in Arizona).

lizards are extremely plentiful on the rocks along the roadside. Saw whiptails, utas, collies, both crotaphytus, dipsosaurus. Could get any number here. Then a little later approaching Oatman saw many large chuck. Could get any number with a shotgun.

Collected 1 chuck, 2 dips, 1 whiptail. In this stretch. Did not see anything again like this in Arizona.

2 Gophers D.O.R. 9 mi E. of Kingman

1 gopher D.O.R. at Tuxton Canon

Indian School.

No lizards were seen in the Plateau district maybe because afternoon.

Miles today 243.

May Thursday 26, 1927

Meeting at Flagstaff in the morning.
In the afternoon drove up San
Francesco Peak until stuck in the
snow. Saw no reptiles.

1927

Friday 27,

May

Meeting at Flagstaff in the morning.
In the afternoon with YG, Masson
and Taylor drove out to Cave dwellings
and east toward Williams town.
Saw no reptiles.

May Saturday 28, 1927

Drove to Grand Canyon today in the morning via the Maine Sta road. Cool and windy.

Yellow Pacific at 65 mi from Flagstaff. D.O.R.

In the afternoon drove out the Hermit Ranch Road with gg The Kee.

1927

Sunday 29,

May

In the morning drove out the
Hermit Rim Drive. Saw a couple of llamas.
In the afternoon drove to Grand View
and Desert View. Saw several stellys.

May

Monday 30,

1927

Started for Phoenix from El Tovar
at 8³⁰ A.M. Arrived at 4:45 Miles 263
mild and comfortable on the Plateau.
Hot at Phoenix.

1 live Pacific 22 mi N. of Williams

1 Utrox D.O.R. at Wickenberg

Very few lizards were seen probably
not over 1/2 doz although many
localities looked good, particularly
above Wickenberg

Called on Chas L. Evans and saw his
collections. Gila monsters good.
Many others not so good.

1927

Tuesday 31, May

Started for San Diego from Phoenix at 6 AM (Mt. time) Arrived at 6¹⁵ (Pacific). Total miles 398. Miles for entire trip 1544 miles in San Diego County 87.

Very hot all the way from Gila Bend to Mt. Spring. Did not see many lizards in Arizona. Not many rocky areas.

Saw a good many in California particularly collies and dys.

1	Arizona	large	11 mi west of Col. Riva.
	County line	at 11.5	.
1	Pituophis	at 35. (La Posta)	small. sliv.
1	Pituophis	at 36	do D.O.R.
1	do	at 54 (Guatay)	large D.O.R.
1	Salvadora	at 65 (Willows)	large D.O.R.
1	Cal. King	at 69 (Alpine)	small D.O.R.
1	Pituophis	at 74 (Flynn spr.)	large D.O.R.
1	Rhinochelys	at 91 (Cholla St.)	large do
1	do	at 91	small do
1	Worm snake	at 91	do large do.

June Wednesday 1, 1927

Checked snakes in the Zoo at noon.
Alein reported the following:

1 *Eryx* May 23d 3 mi. w. of Bonsall.
 1 *hateralis* May 26 Bonsall.
 1 *Boylei* May 25 Bonsall.
 2 *lecontei* May 25 do
 1 do do Some w. of Bonsall.
 1 *Hammondi* do Bonsall in River
 1 *Eryx* May 27 Bonsall.
 1 *Boylei* May 27 do.
 1 *Boylei* May 28 do.
 1 *Hammondi* May 29 do
 2 *Hammondi* May 30 do

Also the following. D.O.R.

4 *Pacific Garter* { 1 Bonsall May 24
 { 1 San Luis Rey do.

1 *Gopher* San Luis Rey May 27

lizards.

Orectilis
Buiscutatus
Uta stans
Vulcania
Verberatus
Phrynosoma

Bufo cognatus californicus
Dactylocnemis hammondi
Hyla regilla

All from vicinity of
Camp.

1927

Thursday 2, June

Took venom from 16 snakes today.

June

Friday 3,

1927

1927

Saturday 4, June

Went out in the afternoon with Philip, Slevin and Tose. A fine clear cool day. 96 miles. Start at 1 P.M. Back at 6³⁰. Itinerary Spring Valley, Jamacha, Hillsdale, Bostonia, Forty Alpine grade, Dehesa grade, Glen lonely, Tapatul, Descanso, Flynn Springs, La Mesa, Encanto.

First stopped at Tunnel Hill where Tose looked for bats in the tunnel he hunted in the rocks to the west of the road. Nothing here. Then hunted at the top of Glen lonely grade. Got 2 X.b.; lost several.

A good many lizards and burned toads were seen along the road.

Snakes.

1 Gopher Lizard Hillsdale	Caught alive
1 Gopher Lizard Hillsdale	D.O.R.
1 Striped Racer Medicine Tapatul	D.O.R.
1 Long nose Lizard Alpine	D.O.R.
1 Boa small Flynn Springs	Caught alive

June

Sunday 5,

1927

Today went to Campo, Buckman, Pine Valley, Julian, Ramona and home. Start at 8³⁰. Returned at 7¹⁵. 164 miles. with Philip, Hugo, Lewin. A fine day high fog in town clear in the back country. Little wind. Not overly warm.

First stopped at Blyden and hunted from about 9³⁰ to 11³⁰. Got only 5 x.h. 1 lita. Saw a number of orcuttis but got no snakes notwithstanding hard work. One x.h. badly infested with red mites. Going up the Potrero grade got a leopard lizard near the State Junction. hunted south of Buckman. Here saw a whiptail. Hunted for a while at Shady Dell but got nothing. Saw 1 x.h. Had a puncture at Foster.

- 1 Rattlesnake Calif King large Jamacha Bridge D.O.R.
- 1 Red Racer large Cottonwood D.O.R.
- 1 Gopher large D.O.R. Potrero
- 1 Garter med D.O.R. Blyden Trest.
- 1 Western Yellow ^{large} hot Cuyamaca ^{was crossing} road. hot in
- 1 Garter large Cuyamaca Caught alive
- 1 Garter large Cuyamaca D.O.R. ^{still} ^{squirming} ^{and}
- 1 Western Yellow Belly Wyoala D.O.R. Specimen.
- 1 Gopher small Blyden Caught alive.
- 1 Garter 3 mi E. of Ramona large D.O.R.

1927

Monday 6,

June

Took Venom from 15 snakes today and sent 9 to Amaral.

Received 2 gophers and a patch-nose from Brown and a Boyle's King from Chester Lamb. Former probably taken at Onyx mine latter at Rosario.

Also first *A. lugubris* from San Diego County.

1 *Rhinocheilus* Cholla at the. Large. This snake was crossing the highway as we came up. Was making poor progress of smoothness of surface. Was in middle of highway. We stopped to pick it up, but before we could reach it at least 4 cars had run over it so it could not be used as a specimen. Was good illustration of how snakes get run over.

June Tuesday 7, 1927

Went to Escalante with
Wells to Rotary Meeting.
Started at 11 A.M. Returned at
3 P.M. A clear cool day. Returned
by way of Murphy Canon.

- 1 Rhinocelerus med. D.O.R. Top of
Old Town Grade (sawed).
- 1 Gopher small, D.O.R. same location
- 1 Rhinocelerus large D.O.R. Rosedale

1927

Wednesday 8, June

June

Thursday 9,

1927

1927

Friday 10,

June

Went to Los Angeles and back alone in the max. Started at 5⁴⁵, returned at 9⁰⁵. Went via Rose Canon and Long Beach. Returned via Long Beach.

Called on Tex. Schulbach and saw his collection.

It was a cloudy cool day and no live snakes were seen. Much heavy mist and showers of rain. Very wet in Rose Canon in the morning.

On the return trip it was dark at Oceanside and would have practically impossible to have seen a dead snake by headlights of on-coming cars. So count only 58 + 16 = 74 miles in the County.

Dead snakes.

1 Gopher Viper Rose Canon

1 Gopher " La Costa

1 Gopher " 6 Mi S. of Co. Line.

1 Alligator 5 mi S. of Co. Line

1 Red Racer " Opposite Balboa, Orange Co.

June Saturday 11, 1927

A cool cloudy day with some breeze. Went out to Lower Otay dam with Philip - out by way of Bonita, returned by Telegraph Canon. 47 miles. Started at 9¹⁰ returned at 5³⁰.

Did no hunting.

Dead snakes.

1 Gopher large Cockatoo grave

1 Gopher large Chula Vista. (Some one had badly injured this snake with a rock and it had to be put out of its misery.)

1 Garter large Chula Vista.

Miss Kerwin told me of 4 snakes sent in dead to the zoo for identification.

1 long nose Rana Portal

1 Pacific large " "

1927

Sunday 12, June

Quite a heavy to rain last night and this morning. Had expected to have a picnic lunch in the back country but gave it up.

At 8³⁰ went to San Diego River bridge at Old Town with Phil and Henry Schenell. Back at 10⁰⁰. Got 2 *Hylas*, 9 *Scaphiopus hammondii* and about 100 *Bufo b. halophilus*. There were many there but rather difficult to catch in the tall high grass very wet. Pickled 20 bugs and the rest.

In the afternoon at 2 P.M. went to the country with Phil. It was still cold and cloudy in town but in the back country was clear and comfortable. Had evidently rained some within the past 2 days. Went to Pescadero, Cuyamaca, Julian, Ramona. Returned at 7 P.M. Hunted only at one point; top of new Viejas grade. Got 1 X. h.; saw several also *Oreuttis*.

Dead snakes (all fresh)

Boa large Grade bet Ramona & Ballena
Gophers small Abt 3 mi e of Ramona
Gophers med Ramona.

Red Racer, medium Ramona (fields both sides)

June Monday 13, 1927

Went to PCEA Convention
at Santa Cruz today.

1927

Tuesday 14,

June

June Wednesday 15, 1927

1927 Thursday 16, June

Paw Plevin in SF. today.

June

Friday 17,

1927

1927 Saturday 18, June

Did not go out as I returned
from PCEA Convention at Santa
Cruz at noon and had too much
work to do.

June Sunday 19, 1927

Went out to Henshaw dam with the family. Started at 10³⁰; returned at 6⁴⁵. A fine clear day, not uncomfortably warm in the back country. Ramona, Santa Ysabel, Henshaw Junction, Rincon, Pala, Bonsall, Escondido, home. 162 miles.

Stopped for lunch at Henshaw Junction and this was the only place I did any hunting. Went up the creek about 1/2 mile saw several *S. o. biseriatus*. Got about 1 day small *Bufo. b. holophilus*.

Snakes.

1 *R. lecontei* large D.O.R. Cholla Mts.

1 *S. g. hexalepis* large D.O.R. Ballena

1 Gopher medium. Caught alive Rincon.

Got this one by following a track. Followed several others but did not find them.

1 Gopher medium D.O.R. Pala.

1 Gopher large D.O.R. Bonsall.

1 Gopher large D.O.R. Escondido

1 Racer (Red) large D.O.R. Murrieta.

There were two others that might have been snakes but did not stop. One especially in Pewsey Grade was promising.

1927

Monday 20,

June

June

Tuesday 21,

1927

Longest Day

Went to El Cajon to make up Rotary
attendance. A clear cool day. 33 miles.
Start at 11 A.M.; Returned at 4 P.M.

1 *Rhinocheilus lecontei* large D.O.R.
at start of new University Extension
highway in east San Diego.

1927 Wednesday 22, June

Took venom from 17 snakes today.
Shipped to Marvin and Fosel.
Noted the following for list.

- 1 Boa taTolla Sunnes, large
- 1 Gopher med. Evans, San Onofre
- 1 Gopher 200 pounds. med.

Met J. K. Strecker today and showed him my books and specimens.

June Thursday 23, 1927

Went out today with J. K. Streeter of Baylor University. Went to the top of the grade above Santa Ysabel and return. 110 miles. Start at 3 P.M.; return at 6³⁰. A clear day rather uncomfortably warm in the back country.

Stopped at Ballena and hunted in rocks. Got 1 Uta, 1 New Mexican, 2 bellys, 40 cuties.

Stopped above Santa Ysabel. Saw a whiptail.

Dead Snakes:

Witch Creek 1 Garter D.O.R. lg.

Remora 1 Garter D.O.R. lg.

Top of messey 1 Garter (fresh) D.O.R. lg.

Middle of messey 1 Arizona D.O.R.

1927

Friday 24,

June

Continued from Sunday June 26th

The young *B. c. californicus* can be recognised by white spots and lack of vertebral stripe.

In the evening caught a small *B. b. belopholis* in the road at the inn and a large *B. c. californicus*.

June Saturday 25, 1927

Started out with the family for Pine Valley at 2 P.M. arriving at 4¹⁵, a moderately cool day. Total miles 56.

One juv. gopher D.O.R. at Alpine

One large gopher caught crossing the road just beyond Alpine. Was having a hard time making headway on the slippery pavement.

After supper in the dusk went out and hunted in the rocks north of the inn. Got nothing.

Then hunted along the creek at the bridge with flashlights. Caught 3 Thylac arenicola. They were calling along the edges of the creek with a few H. regilla also calling. The call is more musical than that of H. regilla.

1927

Sunday 26, June

A fairly cool semi cloudy day. Started for Noble's Mine at 9 AM with Philip returning at 12¹⁵. 14 miles. On the way to Noble's Mine saw Whiptails and caught a horned toad. Hunted along the creek at the Mine and caught a medium garter. Then drove to Bee Park (Bunn's Camp). On the way back stopped to hunt in the rocks 1 mi north of the concrete bridge. Hunted an hour and got only 1 Whiptail. Saw plenty of lizards and skinks.

In the afternoon took a ~~4~~ 69.5 mi drive with the family starting at 2¹⁵ and returning at 5. Importantly warm at Pine Valley - hot at Jacumba.
 1 Gopher small DOR at La Porta
 1 Gopher large ^{large} do
 1 Western Yellowbelly ^{large} DOR at Boulevard (2.2 mi east of Junction) Had been run over but a short time before. Still squirming and a good specimen.

1 Spotted Night DOR Clover Flat (9 mi E. of Camp)
 1 Pacific Rattlesnake large DOR. 4 mi S. of Buckman. Stopped at the big buck water pond where road crosses Cottonwood S. of Buckman and got many young *H. Crenulatus*, *B. b. halophilus* and *B. c. californicus*. There were thousands. Some still polygynous, some with tails but in grass.

June Monday 27, 1927

Came in from Pine Valley starting
at 6⁴⁵ 47 miles.

1 medium Mitchell DOR Pine Valley
1 large Patchmose DOR Alpine Grade.

1927

Tuesday 28, June

Went out on a Mariposa Lily expedition with Chidberry and Fleming. A fine clear day, not overly warm in the Buck country. Started at 1 P.M. Got to Cuyamaca Lodge at 5³⁰. Ride trip to Pine Valley and also to shoulder between S. and Middle Peak. Total miles 71.

First stopped at Wildwood Glen where I caught a medium garter in a pool. Saw ltas here.

Stopped on Pine Valley Grade. Saw ltas.

I Allegates lizard DOR Cuyamaca.

After supper hunted for frogs but got nothing. Heard Hydas, but couldn't reach them.

Spent the night at Cuyamaca Lodge. Fine place.

One greater see above.

June Wednesday 29, 1927

Started out this morning at 7 AM. A fine clear cool day except somewhat hot in the vicinity of Pala. The fact that so few snakes were seen proves that the tapering off in the catch at this time is not due to the weather. Traveled via Julian Pine Hills, Santa Ysabel, Henshaw Dam, Palomar, Pala, Bonsall, Oceanside and Home. Reached office at 4³⁰. Left Chicheng in Oceanside, Fleming at Torrey Pines. 137 miles. Hunted at Pine Hills and w. of Santa Ysabel but found *Marposas* not snakes.

Saw a whip tail on the west shoulder.

Five snakes seen as follows.

One gopher large west end of Palomar just at the beginning of the grade. Was crossing the road. Could not stop car in time and lost him over the bank.

1 Boyle's King DOR. large, fresh "run" bet Pala & Bonsall.

1 Pacific Garter DOR. 4 mi e of Bonsall.

1 Gopher large DOR. La Costa

1 Red Racer large DOR. Morroa.

Found the following on my door step on coming home from hot hist. Soc.

3 garters 1 1/2 mi east of Imperial Beach

1 King snake red col. spotted San Gorgonio Mtn.

2 Horned Toads long. Beach L. I. Bridge 4368 ft. high.

1927

Thursday 30, June

July

Friday 1,

1927

1927

Saturday 2, July

Started for Pine Valley alone at 1 P.M.
Arrived at 3 P.M. Went via Encanto and
cut off to Orange over El Cajon, 5 miles.
A moderately cool day.

Med Gophers YOR beyond Alpine
Hospital.

Went out before supper to the
bridge and after supper around
the camp with flash lamp but got
nothing.

July

Sunday 3,

1927

In the afternoon drove to Clover Flat via Whiteagle with Phil. At Clover Flat got many B. b. holophilus from very small to large juvenile, few small B. c. californicus and few Hylo regilla.

At Cottonwood got

Many B. b. h.

Many B. c. c.

Many Hylo reg.

Few Hylo aren.

There were a few unmetamorphosed polywogs in the pond probably B. c. c. as many of latter were very small.

Noted a whiptail at Clover Flat.

Walked across the valley in the evening and heard the B. c. c. trill also H. r. and H. a. but caught nothing. Total miles 49. No snakes seen alive or dead.

Weather comfortable.

1927

Monday 4, July

In the morning the kids brought in 4 small garters from Pine Creek. In the afternoon went along pools across the valley and caught 10 more garters. A little later kids caught a garter. In the evening went out with Phil. across the valley and caught 4 B.c. a large and 3 medium. Heard the trill again but could not follow up. Also H.r and H.a.

Weather comfortable.

July

Tuesday 5,

1927

Shipped toads to Grinnell and
mic. to Patch at Ottawa.

Rec'd today from Abbott a Ring-neck
taken by Fred Kelsey at Pine Valley
June ~~22~~^{2nd}. Enter this for last month.

Drove in from Pine Valley this AM
starting at 6³⁰ and arriving at 8 AM.
47 miles.

1 small DOR at Cortaria - Couldn't identify
of toad.

1 large long nose DOR at La Mesa
City limits. (new pavement) near Polanco.

1927

Wednesday 6, July

Took Venom from 22 snakes.
Worked hard tonight preserving
specimens. Also shipping to
Markerr via Ellender and G. F. Cochran.

July

Thursday 7,

1927

1927

Friday 8, 1927 July

This morning went out at 5³⁰ to see if any toads could be found at Mission Valley Bridge. Not a sign either here or at pools further up the valley which pools were permanent enough to contain spring fish.

Got one garter snake under dried scum. Ned.

July Saturday 9, 1927

Started for Pine Valley at 1 PM.

Arriving at 3. A rather warm day. 47 mi.

1 Calif King DOR at El Cajon L

1 Red racer DOR at Twin Brooks M.

In the evening walked around for a short time and got 1 large B. c. californicus.

1927

Sunday 10,

July

Went to Cortesadera twice and Guatay once. 39 miles. No snakes on the road and no lizards. Rather hot.

Hunted frogs on the bank of the lake at Cortesadera but saw nothing.

In the creek between Cort. and Pine Valley got 10 small *Hyla regilla* and 1 small *Hyla arenicolor*.

Saw one medium garter in the creek but lost him.

In the evening went out along Pine Creek to locate the trillers. Heard them again but could not locate. Got 1 *Hyla regilla* and 1 *Hyla arenicolor*. The one was croaking.

July

Monday 11,

1927

Came in from Pine Valley this AM
starting at 6^{30} .

1 Meadowlark DOR at Greatay.
Saw a whiptail $\frac{1}{2}$ way down the
new Descanso grade.

1927

Tuesday 12, July

Received a very nice large. from Nat
Hist. said to have been taken at art
Gallery.

194

July Wednesday 13, 1927

1927

Thursday 14,

July

July

Friday 15,

1927

Karl says Boyles King desgorge a
bird.

1927

Saturday 16, July

Started for Pine Valley at 1³⁰ P.M.
arriving at 3³⁰. Alone. A hot day.
Went via El Cajon Ave. Miles 47

Only one snake seen this trip.

1 Long nose at Flynn Springs D.R.

In the evening went out for a walk where the fire had been across the Valley. Got 1 large Bufo boreas halophilus.

Also Philip gave me a Calif. King wed he had caught at Cuyamaca (north end of the lake) and a Hyla regilla from Pine Valley.

July

Sunday 17,

1927

A hot day. Started out with family at 9⁰ for Rattlesnake (Harper's Valley). Went to Desert View not knowing the road and then came back to north end of Canyon near lake and found road. Went to Harper's for lunch.

Hunted along the creek. Saw Stellis, Utas and Hylas. Caught 3 of the latter in the grass. Returned to Pine Valley at 3³⁰. No snakes seen. Total miles 61.

Started at 5 P.M. for Cottonwood Pond with kids and cotton kids. Returned at 7 P.M. miles 19. Hunted at pond for about 1 1/2 hrs. Released one Buzzard caught in a trap.

Found 3 Ranae in a side pond and caught 2. Very few Bufo boreas hal (young) in sight but got a few. Quite a few Hyla arenicolor some apparently full grown. Many Hyla regilla some full grown. Some were quite a ways up the canon in dry ground. Many Bufo cognatus Calif. of all small sizes. The largest were more plentiful in dry ground along sides of canon. Caught 1 medium size (about 1 1/2" long) at dusk. Large small are scarce than very small.

Caught one small alligator on the side of a rock (hunting?) at dusk and saw a whip tail.

The B.c.c are quite hard to catch in brush

1927

Monday 18,

July

Started in from Pine Valley driving the Max at 63° and arrived at 83° . Quite warm. Alone. 47 mi.

1 *Trimorphodon* med 3 mi e of Flynn Springs. D.O.R. Sawed specimen.

2 long nose lg. Roland's D.O.R.
1 fresh, 1 dry

1 Patch nose D.O.R. med Roland's dry.

Today rec'd from Fleming via Natural History:

1 small Coral King from Palomar.
1 small garter do.

they travel with a series of very rapid shot hops.

July

Tuesday 19,

1927

Shipped about 325 toads to
Blevin and 58? to Streeker.

Received today from Abbott
a pickled Red Racer. Frank Stephens
La Puerta July 1927.

The other Red Racer in June was
also from La Puerta.

California King ate alligator lizard
while in a flour sack.

1927 Wednesday 20, July

Worked in the laboratory this evening.

Found Stephens red rascals (see yesterday) so bad it had to be thrown away.

Data. July 5th 1927. La Puerta.
Caught in Rat Trap.

Went to La Mesa Rotary lunch today. Rained nothing 20 miles.

July Thursday 21, 1927

Noted that a gopher had laid eggs
in captivity today.

1927

Friday 22,

July

Removed venom from 45 snakes
today

1 medium Red rattle had absolutely
colorless venom.

July

Saturday 23,

1927

1927

Sunday 24, July

July

Monday 25,

1927

Talked snakes at Chula Vista
 Rotary Club today. A hot day 16 mi.
 1 Calf King (mixed specimen) DOR
 at Chula Vista. Large.

At the Zoo got one Spotted Night
 mrs. Wm. McMillan 5115 Radio Blvd
 7/14/27.

Also 1 *Crotalus tigris*? from
 Canon Diablo Arizona.

Also 4 *Ensatina crocea* from
 John Strict's Mine near Julian. Caught
 by Ed Cooper. 2 large ok, 1 med. rather
 dried, 1 small dead. 1 cluster of
 eggs. Covering opaque.

1927

Tuesday 26, July

July Wednesday 27, 1927

1927

Thursday 28, July

July

Friday 29,

1927

1927

Saturday 30,

July

Pickled the 4 *Ensatinas* from Julian today.

The two largest measured as follows.
 Total length $5\frac{3}{8}$ " tail $2\frac{1}{4}$ "
 do do do do $2\frac{3}{8}$ "

There were 14 eggs in the bunch.
 They adhere together. Yellowish
 and opaque. Practically round.
 Diam $5\frac{1}{16}$ ".

Recd from Abbott today 2 Garter
 caught by Huey from Laguna Hanson.

Measured 4 Cal. striped race
 eggs (*lateralis*) deposited in captivity
 about July 28

$2\frac{5}{16}$ x $5\frac{7}{8}$

2 x $"\frac{1}{16}$

$2\frac{1}{3}2$ x $"\frac{1}{16}$

$2\frac{3}{16}$ x $5\frac{7}{8}$

July Sunday 31, 1927

McCarthy writes from Winslow.
All snakes were taken between
Deminson and Canon Diablo 20-30
miles west of Winslow.

1927

Monday 1, August

A Boyles King snake with dark
between all the light scales in
the light areas.

Set a dutch g gopher snake
eggs today.

August Tuesday 2, 1927

1927 Wednesday 3, August

August Thursday 4,

1927

1927

Friday 5,

August

August Saturday 6, 1927

1927

Sunday 7, August

August Monday 8, 1927

Took venom today from 17 snakes.

Got hooked in the left thumb by one fang of a C. russel. More of a slash than a puncture. Felt pain instantly. Put on tourniquet. Sucked wound. Then used about 6 c.c. of antivenine. Not much pain. Evidently got very little.

This evening thumb slightly numb. Arm quite sore where antivenine injected.

1927

Tuesday 9, August

Today my thumb is practically well but arm quite sore where antivenin was injected. No better at night.

Recd a gopher from Geo. Brown from Onyx Mine.

Shipped snakes to Strecke.

Removed f. venom from 3 snakes.

August Wednesday 10, 1927

Received today from Abbott a young red racer from Mission Valley; also he told me of a large red ~~racer~~^{rattle} from same locality which he is taking to Nat. Hist. Museum.

Thumb is quite well tonight; arm considerably better, but still sore.

1927 Thursday 11, August

Arm almost well but itching
some.

August Friday 12, 1927

Arm still itches

1927 Saturday 13, August

Pile stitching

August Sunday 14,

1927

Bad hives on arm last night
and this A.M.

Bad in afternoon and evening.

1927

Monday 15, August

Hives very bad this AM but did not bother during the night

Night: Arm swollen and hives quite bad.

August Tuesday 16, 1927

Arm bad last night; no sleep
between 12²⁰ and 4¹⁰ AM.

This morning still swollen

1927 Wednesday 17, August

Good sleep last night; arm
bad again this morning.

Arm decidedly better tonight.

August Thursday 18, 1927

Arm practically well.

1927

Friday 19, August

August Saturday 20, 1927

Ann will

1927 Sunday 21, August

August Monday 22, 1927

Removed venom from 46 snakes.

1927 Tuesday 23, August

Drove to Los Angeles starting at
7⁴⁰ A.M. Miles in County 61. A cool
day; very comfortable. with family.

1 Longnose large D.O.R. LaCosta Downs
1 do do do 1 mi w. of Oceanside

August Wednesday 24, 1927

Returned from Los Angeles. 1 Gopher
wed D.O.R. Pacific Beach.
Cook day. 61 mi in County.

1927 Thursday 25, August

Recd today a Boyles King
from Stevens, taken at Chula Vista
and an alligator lizard from Bane.

3 Rattles Recd from Barnard
were from Lucerne Valley, Mojave Desert.

August Friday 26, 1927

1927

Saturday 27, August

August Sunday 28,

1927

1927

Monday 29, August

August Tuesday 30, 1927

Went to Rotery meeting at El Cajon with Bill Crabtree. Went via Univ. Ext. 30 miles. Nothing seen. An average warm day.

1927 Wednesday 31, August

September Thursday 1, 1927

1927

Friday 2, September

September Saturday 3, 1927

1927 Sunday 4, September

September Monday 5, 1927

1927 Tuesday 6, September

September Wednesday 7, 1927

Today removed venom from
36 snakes in 1 hour 15 minutes.
Noted that venom comes from both
sides of a double fang.

1927 Thursday 8, September

September Friday 9. 1927

Drove to Santa Maria to day.
^{Los Angeles}

Started 4 P.M. 65 miles in city
County limits. Nothing seen. Did
not watch very closely.

1927 Saturday 10, September

Left Santa Maria in late afternoon and evening. Nothing seen

September Sunday 11, 1927

Santa Maria to Santa Cruz. 1 large dead gopher at Bradley.

1927 Monday 12, September

September Tuesday 13, 1927

1927 Wednesday 14, September

September Thursday 15, 1927

1927 Friday 16, September

September Saturday 17, 1927

1927 Sunday 18, September

September Monday 19, 1927

1927 Tuesday 20, September

Drove down from L.A. today. a clear warm day. Started at 2 P.M. arrived at 6¹⁵. 62 miles in County.

1 Tremiophodon 5.5 mi. S. of Co. line.
(about 1/2 mi) from Coast. Heavy brush along road side on one side, bare field on other) no granite, but a few chunks a mile or so down the road.

1 Gopher Med 8.9 mi S. of County line.

Las Flores = 60, mi. Co. line = 48.0.

Las Flores 1 mi south.

1 Red Racer large DOR at Las Flores.

1 large? at La Costa probably gopher.

1 large Cal Racer DOR Hog Cañon.

September Wednesday 21, 1927

Today saw a *Phylloscopus*
taken by Stephens at La Puerto July 27th
Enter this under July.

1927 Thursday 22, September

September Friday 23, 1927

1927 Saturday 24, September

September Sunday 25, 1927

1927 Monday 26, September

September Tuesday 27, 1927

1927 Wednesday 28, September

September Thursday 29, 1927

1927 Friday 30, September

October Saturday 1, 1927

1927

Sunday 2, October

October Monday 3, 1927

1927 Tuesday 4, October

Drove to La Jolla & back via
Pt. Loma. 40 mi. 1 gopher
large D.O.R. at La Jolla Hermosa.

October Wednesday 5, 1927

Removed venom today from
35 snakes

1927

Tuursday 6, October

October Friday 7, 1927

Went to La mesa to see Wright.
A warm day. Radio road 26 miles. Nothing seen

1927

Saturday 8, October

October Sunday 9, 1927

1927 Monday 10, October

October Tuesday 11, 1927

1927 Wednesday 12, October

October Thursday 13, 1927

1927

Friday 14, October

October Saturday 15, 1927

1927

Sunday 16, October

October Monday 17, 1927

1927 Tuesday 18, October

Went to El Cajon Rotary. A warm day 30 miles. Radio road. Nothing seen.

October Wednesday 19, 1927

1927 Thursday 20, October

October Friday 21, 1927

1927 Saturday 22, October

October Sunday 23, 1927

1927 Monday 24, October

October Tuesday 25, 1927

1927 Wednesday 26, October

Driving home at midnight in a light rain got 1 *Bufo koreas halophilus* crossing fourth street.

October Thursday 27. 1927

Rainy today, the first real rain of the season.

Tonight Philip and I went out on El Cajon Avenue where a toad migration had been reported in the Union as occurring the night before. Started at 6⁴⁵ and returned at 8⁰⁵. Was raining quite hard at times.

Many toads were observed crossing El Cajon and many were seen to be run over. We stopped at several points between 32nd and Euclid and picked up toads along the curb. In about 30 minutes of actual collecting we got

36 *Bufo boreas behopathicus*.

75 *Caphropis hammondii* and 4 large *Hyla Regilla*. No small toads were seen.

Best toad hunting I ever saw.

Miss Arnold brought me 1 S. ham. this AM.

1927

Friday 28, October

Went out along El Cajon Avenue at noon but saw no live toads. Fewer smashed toads than I expected; they must have been washed away last night.

Went out at 7 P.M. to same location to night. A clear dry night. Only 1 toad caught. It evidently must be actually raining to bring them out.

October Saturday 29, 1927

1927

Sunday 30. October

October Monday 31, 1927

Went out on El Cajon Ave tonight with Phil. about 2 hours. Rained all day but was light tonight. Stopped before we came back.

Got 15 spade foots, 4 *Hyla regilla*; about 15 *B.b. helophiles*.

The spade foots croak in the jay. The *Bufo* twitter.

Toads (*Bufo*) distinctly less plentiful than first night

1927 Tuesday 1, November

November Wednesday 2, 1927

1927 Thursday 3, November

Found a *Batrachoseps* under a rock in the garden today.

November Friday 4, 1927

Saw today a large T. o. hammondi that had given birth (in captivity) Oct 30 to 25 young. Counted them, was from Nestor.

1927 Saturday 5, November

November Sunday 6, 1927

1927 Monday 7, November

November Tuesday 8, 1927

Drove out to Minneawa ranch house, Tammel this afternoon. 1 gate D.O.R. at Helix. Park beyond Tammel. 25 miles.

1927 Wednesday 9, November

Drove back. Nothing seen.

November Thursday 10, 1927

1927

Friday 11, November

November Saturday 12, 1927

1927 Sunday 13, November

November Monday 14, 1927

1927 Tuesday 15, November

November Wednesday 16, 1927

1927 Thursday 17, November

November Friday 18, 1927

1927 Saturday 19, November

November Sunday 20. 1927

1927 Monday 21, November

November Tuesday 22, 1927

1927 Wednesday 23, November

November Thursday 24. 1927

1927 Friday 25, November

November Saturday 26, 1927

1927 Sunday 27, November

November Monday 28, 1927

1927 (Tuesday 29, November

November Wednesday 30, 1927

1927 Thursday 1, December

December Friday 2, 1927

1927 Saturday 3, December

December Sunday 4, 1927

1927 Monday 5, December

December Tuesday 6, 1927

1927 Wednesday 7, December

December Thursday 8, 1927

1927

Friday 9, December

December Saturday 10, 1927

1927 Sunday 11, December

December Monday 12, 1927

1927 Tuesday 13. December

December Wednesday 14, 1927

Spent the morning with Storer

1927 Thursday 15, December

December Friday 16, 1927

1927 Saturday 17, December

Spent the afternoon and evening with do Amaroal

December Sunday 18, 1927

Drove out to Witch Creek and back with Do Amaral. Nothing seen. A clear cool day; snow in the mountains, miles.

Do Amaral left for San Francisco on the two o'clock train.

This afternoon found eggs of *Batrachoseps attenuatus*? under a barrel in the garden.

Turned out to be slug eggs (1-20-28)

1927 Monday 19, December

Reed today ~ Alligator lizards and
1 Juvenile gopher from Pacific Beach.
Taken under a house.

December Tuesday 20, 1927

1927 Wednesday 21, December

A heavy rain this afternoon. Rather cold. Went out with Philip in the evening looking for toads. Usual place along El Cajon Ave. Got nothing. Heard Hylas. Saw one dead one and two alive while driving along.

December Thursday 22, 1927

Shortest Day

1927 Friday 23, December

December Saturday 24, 1927

1927 Sunday 25 December

December Monday 26, 1927

1927 Tuesday 27, December

December Wednesday 28, 1927

1927 Thursday 29, December

December Friday 30, 1927

1927 Saturday 31, December

Notes for 1928

Memoranda

Mon. 10/20/2014

On Long Island

10/20/14

Spotted a small 2-3" long lizard

about 100' from the beach. About 8.2 degrees

air temp. 100% humidity

100% humidity 100% humidity

Memoranda

Account with Mulford & Co.

July 30	J.D. Keim	C. atrox from Ripley	3-
Aug 26	D. Bernard	2 C. oreganus + 1 C. mitchellii from Lucerne Valley	6-
Sept 8	J.D. Keim	C. atrox from Ripley	3-
Oct 3	D. Bernard	4 C. oreganus	8-
Oct 6	W.F. Aworet. Photos		37 50
Nov 25	J.D. Keim	C. atrox large	500
1929			62 50
May 1	D. Bernard	2 C. oreganus, 1 C. cerastes	500
	17 C. L. Evans	3 molossus, 2 tigris, 1 mitch.	19.00
June 6	D. Bernard	2 C. oreganus, 1 mitchellii	6-
			2 50
July 7	Evans	3 C. oreganus, 1 atrox, 3 cerastes	5-
July 31	Keim	1 C. atrox large	3.00
		call it balanced at this pt	- 50

Memoranda

Memoranda

Memoranda

JANUARY—CASH

REC'D

PAID

FEBRUARY—CASH

REC'D

PAID

MARCH—CASH

REC'D

PAID

APRIL—CASH

REC'D

PAID

MAY—CASH

REC'D

PAID

JUNE—CASH

REC'D

PAID

JULY—CASH

REC'D

PAID

AUGUST—CASH

REC'D

PAID

SEPTEMBER—CASH

REC'D

PAID

OCTOBER—CASH

REC'D

PAID

NOVEMBER—CASH

REC'D

PAID

DECEMBER—CASH

REC'D

PAID

SUMMARY—CASH

REC'D

PAID

Cash on hand Jan. 1st

January

February

March

April

May

June

July

August

September

October

November

December

Total

Balance to new Acc't

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Post Cards (Private).....	2c. each	o
Postal Cards (Government).....	1c. each	o
Newspapers, Magazines, Periodicals.....	2c. for each 2 ozs.	o
Circulars and miscellaneous printed matter, also mdse.,.....	1½c. for each 2 ozs. [*]	o
Merchandise, catalogs, etc., over 8 ozs.....	2 ozs. ^{**}	o
	Zone rates apply	o

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^{oo} Drop letters, 1c. per oz.

^{*}The rate on printed books or catalogs having 24 or more pages, seeds, bulbs, etc., weighing 8 ozs. or less, is 1c. for each 2 ozs. or fraction thereof.

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Subject to change after going to press.

CALENDAR FOR 1928

1928	S	M	T	W	T	F	S	1928	S	M	T	W	T	F	S
Jan.	1	2	3	4	5	6	7	July	1	2	3	4	5	6	7
	8	9	10	11	12	13	14		8	9	10	11	12	13	14
	15	16	17	18	19	20	21		15	16	17	18	19	20	21
	22	23	24	25	26	27	28		22	23	24	25	26	27	28
	29	30	31	...	...	...	...		29	30	31	...	...	...	...
Feb.	...	...	1	2	3	4		Aug.	...	...	1	2	3	4	
	5	6	7	8	9	10	11		5	6	7	8	9	10	11
	12	13	14	15	16	17	18		12	13	14	15	16	17	18
	19	20	21	22	23	24	25		19	20	21	22	23	24	25
	26	27	28	29	...	...	...		26	27	28	29	30	31	..
Mar.	...	...	1	2	3			Sept.	...	...	...	...	...	...	1
	4	5	6	7	8	9	10		2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
Apr.	1	2	3	4	5	6	7	Oct.	..	1	2	3	4	5	6
	8	9	10	11	12	13	14		7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27
	29	30	...	...	...	...	...		28	29	30	31	...	...	...
May	...	1	2	3	4	5		Nov.	..	..	..	1	2	3	
	6	7	8	9	10	11	12		4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	..
June	...	...	...	1	2			Dec.	..	..	..	..	..	1	
	3	4	5	6	7	8	9		2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
									30	31	...	...	...	...

